Voluntary Remediation Program (VRP) Site Specific Summary

October 1, 2014- March 31, 2015

VRP00073 BASF Corporation, Williamsburg Plant

No VRP report activity reported for the period however active work continues with RCRA staff.

VRP00107 Portsmouth Manufactured Gas Plant

The participant lined the storm sewer pipes at the site in order to prevent infiltration and discharge of contaminated groundwater. A meeting was held in March with the participant to discuss the current status of the project and the preparation of the final Risk Assessment. The Sediment Remediation Completion Report was also submitted in March, and is currently under review.

VRP00128 Petersburg Town Gas Plant

No information submitted during the current period.

VRP00137 AAF/McQuay

A second round of indoor air sampling was conducted in February 2015 by the site owner. A report of findings was submitted and is currently being evaluated by DEQ. The participant is preparing an updated risk assessment scheduled to be submitted mid-year.

VRP00173 BASF Portsmouth (Hoechst Celanese Corp.)

The final Certificate was issued on March 19, 2015

VRP00190 Virginia Panel Facility

No activity this reporting period.

VRP00210 West Point Paper Mill

The Certificate of Completion was issued in March 2015.

VRP00241 Alexandria Town Gas

Groundwater Remediation System- The three-stage groundwater treatment system consisting of an oil-water separation, biosparging, and filtration treatment zones was installed during the past year. The system has been operating full time since January 2014. Initial data indicate that the system is preventing contaminated groundwater from reaching the river. Free product gauging and recovery efforts have continued during this time period.

Sediment Remediation Plan- A sediment remediation plan and design has been prepared for implementation at the site. The plan outlines a program to dredge sediment with residual coal tar constituents from the near-shore area of the Potomac River and replace said material with a multi-layered protective cap system. The protective cap will serve to a) control vertical groundwater migration, b) provide additional ground water filtration, c) armor the system against aggressive wave action/storm fetch, and d) provide for a naturalized appearance at original grade. The City is planning to initiate the bid process in October to obtain contractor services needed to undertake the proposed activities. The City is also pursuing the permits needed for

river dredging. Routine maintenance on the existing booms is being performed and will continue for as long as is needed.

VRP00244 Coalter Street Manufactured Gas Plant

No information submitted during the current period.

VRP00260 Fairfax Lumber and Millwork

New site number assigned VRP 00595. DEQ met with VDOT and FHWA to discuss their modified bridge construction plans intended to minimize earth work and worker exposure. FHWA applied and was granted status as co-applicant to the VRP site.

P00270 Carlyle Block P

Combined Risk assessment (combined with VRP00461 and VRP00606) was reviewed and accepted. Public Notice has been completed and the draft Certificate is under review.

VRP00278 GE Tidewater Service Center

No information submitted during the current period.

VRP00294 General Chemical-Hopewell Works

No activity during this reporting period.

VRP00308 Hess Corporation

Operation of the DNAPL Recovery and Phytoremediation Systems continued during this reporting period. Groundwater and soil samples were collected in Fall 2014. The consultant indicated that a status report is being prepared for submittal.

VRP00315 Rocketts Landing

Development of site continues. Original VRP site has been sub-parceled and progress monitored via sub parcels.

VRP00320 Altavista Wastewater Treatment Plant

Altavista has moved forward on various phyto and bio remediation projects without DEQ approval and are completing this work at their own risk. DEQ has initiated the termination process and an informal fact finding hearing will be scheduled for early fall 2015 before a hearing officer.

VRP00326 Former Fashion Care Cleaners

No activity this reporting period. Certificate required a PE certification of the effectiveness of the SSDS. No certification has been received.

VRP00334 Arlington Industrial Area/Crescent Potomac Properties

Arlington and DEQ held several conference calls to discuss the Demonstration of Completion of Parcels 14 and 15 and the draft Certificates have been submitted for review.

VRP00338 Cintas Corporation – Portsmouth

A Dual Phase Extration Pilot Test Work Plan was submitted in January 2015. The test is scheduled to occur later this spring. Comments were issued by DEQ on the Site Characterization Report and Risk Assessment.

VRP00356 Oakville Industrial Park

VRP staff were contacted by a potential purchaser of the site. The current participant is pursuing a certificate that restricts residential use, however, the purchaser wants to redevelop site as residential. On March 25, 2015, DEQ met with representatives of both the current participant and the purchaser. Due to contractual obligations a certificate with residential use restrictions will be issued and then the new owner will reenter the VRP to pursue a new certificate allowing residential use...

VRP00362 Hagwoods Cleaners

No activity during this reporting period.

VRP00386 Pivotal Propane of VA Inc. (formerly Steuart Investment Company Site)

The temporary storm water pond on site has been filled in, thus eliminating the need to evaluate the surface water exposure pathway. The consultant is finalizing the Demonstration of Completion report for submittal.

VRP00412 Former Masonite/Knight-Celotex

No activity during this reporting period.

VRP00414 Virginia Dry Cleaners

No activity during this reporting period however remediation via soli vapor extraction ongoing.

VRP00418 Sudley Towne Plaza

No activity this period.

VRP00421 Brighton Cleaners

No information submitted during this period.

VRP00422 Schenkel Rose (H. R. Schenkel, Inc. or Lynchburg Grows)

Staff conducted several conference calls with participant regarding development of the Demonstration of Completion and the Certificate as well as provided guidance for resampling an area with elevated chromium which will be speciated into hexavalent chromium and trivalent chromium.

VRP00423 Former Allen-Morrison Site

The City has indicated the funding is in place to complete the project and the Demonstration of Completion will be developed.

VRP00430 Water's Edge Apartments

DEQ's Risk Assessment comments were submitted via email to the consultant on September 9, 2014.

VRP 00439 Brewery Site (former)

Final Certificate was issued on October 21, 2015.

VRP00449 Main Street Marketplace

The Participant submitted a draft Certificate to VDEQ on April 14, 2015. The Certificate is currently under review by DEQ staff.

VRP00454 Nu-Look Cleaners

No submittals this period. DEQ is awaiting design of the proposed SSDS.

VRP00457 Dulles Discovery Property

No activity during this reporting period.

VRP00460 2nd and Jackson Street Site

A meeting was held at the request of the participant on December 4, 2014, between DEQ, the participant and his consultant. No response has been provided to comment letter of 7/14/14. In the meeting the participant committed to additional soil gas delineation sampling.

VRP00461 Virginia Concrete Company Plant

Combined Risk assessment (combined with VRP00270 and VRP00606) was reviewed and accepted. Public Notice has been completed and the draft Certificate is under review.

VRP00462 Staunton Metals Recyclers

The Participant completed an EPA approved sampling plan to address PCBs under TSCA in December of 2012. EPA is lead on PCB impacts, VRP is addressing metals. VRP activities will resume once EPA approves PCB cleanup.

VRP00463 Arlington Ridge Shopping Center

DEQ received First Quarter 2014 Status Report

VRP00470 Chesapeake Propane

No activity during this reporting period.

VRP00484 Ahns Cleaners

A hybrid SSDS/SVE system and a monitoring well were installed near the source area at the back of the dry cleaners. Additional groundwater monitoring was conducted over the past two quarters. There are indications that the source area concentrations maybe decreasing however the plume may be expanding offsite.

VRP00489 The Village Shopping Center:

A revised demonstration of completion and updated risk assessment was submitted on March 2, 2015. Additional groundwater and soil gas sampling was performed after remediation system was turned off and groundwater allowed to stabilize. The report is currently under review.

VRP00495 Simmons Rand Property (former)

Additional field work was scheduled to be performed in November 2014. Sampling of perched water and bedrock aquifer was requested. No results have been provided.

VRP00496 Columbus McKinnon Corporation

A workplan for additional soil, soil-gas and groundwater sampling was submitted to DEQ in February 2015. A phone call was held to discuss the plan. The field activities were scheduled to occur in March.

VRP00500 Great Bridge Cleaners

On 12/13/14 information regarding Trustees and signature block for the certificate was provided.. On 1/8/15, DEQ requested an electronic copy of the most recent draft certificate to include updated signature block for Trustee. DEQ sent reminder email for the electronic draft of the certificate on 3/19/15. To date there has been no response by the participant.

VRP00506 Virginia Carolina Chemical

No information submitted during this period. DEQ is waiting for the participant tof inalize language in the draft VRP Certificate and UECA Environmental Covenant.

VRP00507 Bergmann's Cleaning/Lee Highway Site

No activity during this reporting period.

VRP00509 Former BGF Industries Facility

DEQ reviewed the Site Characterization and Risk Assessment Report, and provided risk assessment comments in December 2014.

VRP00511 Telegraph Road Landfill – Eastern Mound

The participant continues to work with the DEQ regional office (NRO) to address off-site migration of landfill (LF) gas. Issuance of the VRP Certificate is contingent upon off-site migration of LF gas being in compliance with the facility's permit. The LF Gas Management Plan is being revised, and the permit is due to be amended in Spring 2015.

VRP00513 Catalanos Cleaners

The updated Site Characterization Report, including the Risk Assessment, was submitted in late January 2015. The report is being evaluated by DEQ.

VRP00516 Clothing Care

DEQ received the 7th Post-Remediation Annual Monitoring Report.

VRP00520 Del Ray Shopping Center

Remedial action plan was approved. Construction completed in early 2014. The Remediation Summary Report was submitted 08/20/14 and comments were provided on 09/19/14.

VRP00523 The Commons Shopping Center

No activity during this reporting period.

VRP00525 Cintas-Former Metropolitan Uniform Services

The consultant submitted a site characterization report on 10/3/14. A review of the SCR was completed and comment letter was sent to the participant and consultant on 1/27/15. A work plan was submitted on 2/27/15 for additional investigation to include a MIP survey, subslab vapor sampling and groundwater sampling. The field work was completed the first week of March 2015.

VRP00535 Degen Property

No activity was reported this period however the participant verbally indicated desire to remain in VRP.

VRP00536 Richmond BMW/Crown BMW

As requested by risk assessment staff, one additional round of indoor air samples was collected to account for seasonal variability. The results were submitted to DEQ on 3/31/15.

VRP00538 Siegwerk Publication USA Inc.

No activity during this reporting period.

VRP00540 Sully Place Shopping Center-Parcel 16D

A risk assessment was submitted on 2/18/15. The consultant also notified of a change in contact information for the participant.

VRP00541 Green Run Square

2//15 - conference call with consultant and participant to discuss continued participation in the VRP. Investigation of offsite vapor intrusion and demonstration of plume stability would be necessary.

VRP00545 Wornom Parcels

No activity was reported this period.

VRP00546 Danville Riverside Complex #8

No information has been submitted for this reporting period. DEQ is awaiting submittal of a revised Site Characterization Report.

VRP00547 Disposition Parcel 209

No information submitted during the current period.

VRP00548 Potomac Yard Landbay G

Two sub-parcels of the Landbay G site have completed development as separate VRP sites (VRP00601, VRP00602). One sub-parcel (Parcel H, VRP0000617) is currently under development in accordance with the approved site-wide RAP.

VRP00549 3555 & 3565 Chain Bridge Road (Residence Inn)

A status inquiry, dated July 11, 2014, was sent to the Participant. DEQ received a response, dated September 14, 2014, that included a proposed plan to complete the VRP process.

VRP00552 Pear Tree Village Center

Meeting with the participant, their counsel and consultant, and consultant for a potential purchaser took place on 4/6/15. Subslab vapor sampling results exceed risk screening levels onsite near property line. Additional site characterization is necessary to determine if there is offsite vapor intrusion risk.

VRP00553 Concord Shopping Center

No activity was reported this period.

VRP00554 Crest Cleaners (Huntsman Square)

No activity was reported this period.

VRP00555 Hunter Property – Parcel 6A

No activity was reported this period.

VRP00556 (Former) Republic Creosote

The Site Characterization Report and Risk Assessment was reviewed by DEQ, and comments were issued to the participant in March 2015.

VRP00558 GEFAC Facility

Inconsistent deed book numbers were noted on submitted documents for the certificate. Consultant notified by phone on 10/7/14. The consultant provided revised survey plat with corrected deed book number on 10/9/14. The certificate was issued on 10/21/14. On 11/24/14 a copy of the recorded certificate received at DEQ.

VRP00560 Davis Industries Site (former)

Arlington and DEQ held several conference calls to discuss Demonstration of Completion Report for Parcels 14 and 15 and the Demonstration of Completion and the draft Certificate were submitted for review.

VRP00563 Backlick Road Property

Soil, soil-gas, and groundwater sampling was conducted at the site in February and March 2015. A second round of sampling is scheduled for June to support preparation of the Site Characterization Report.

VRP00564 Neuman Aluminum USA

No activity was reported this period.

VRP00565 Allison and Addison Site

No activity was reported this period.

VRP00566 Former A.O. Smith Facility

Responses to DEQ comment letter received in March 2015.

VRP00568 Ferry Farms Dry Cleaner

No activity by the participant this reporting period.

VRP00569 1801 Commerce Road (Former RUS Facility)

The site was purchased by the City of Richmond with the intent of remodeling the building for office space. On November 6, 2015, VRP staff met with the City of Richmond to discuss the VRP process and potential for the City to re-enroll the site into the VRP. No further action has occurred since the meeting.

VRP00572 Telegraph Road Landfill – Western Mound

The participant continues to work with the DEQ regional office (NRO) to address off-site migration of landfill gas. Issuance of the VRP Certificate is contingent upon off-site migration of LF gas being in compliance with the facility's permit. The LF Gas Management Plan is being revised, and the permit is due to be amended in Spring 2015.

VRP00573 Richmond City Garage Complex

No information received during the current period.

VRP00575 Hopeman Brothers

An onsite meeting and site visit took place on 10/31/14. Additional wells and sampling have taken place as a result of DEQ comments on the site characterization report.

VRP00578 Dulles Discovery 3220 Centreville Road

A combined SCR was submitted

VRP00581 Campostella Square

No activity by the participant this reporting period.

VRP00582 Meadow Landing South

No activity by the participant this reporting period.

VRP00583 General Electric Power and Water

In a phone conversation last reporting period, the participant indicated that they would terminate participation however, no action has been taken.

VRP00585 Alexandria Sanitation Authority

No information submitted during the current period.

VRP00588 City Walk Development

Certificate issued February 2015.

VRP00589 Widdiefield Property.

The Certificate was issued on November 17, 2015.

VRP00590 Kinder Morgan Money Point Terminal

The Participant was in a holding pattern during this time waiting for an SCR from the adjacent VRP site.

VRP 00593 Potomac Yard Landbay L

DEQ reviewed the Public Notice and Demonstration of Completion response to comments.

VRP 00598 Albano Cleaners

Risk Assessment comments sent to consultant. A revised SCR RA was received in September 2014

VRP 00595 Former Fairfax Lumber (VDOT)

Permeability test results for the presumptive remedy were submitted to DEQ.

VRP00603 Fox Homes

No activity during the reporting period.

VRP00604 Former American Sign & Flag Company.

After a period of inactivity this office received an update of VRP activities on September 29, 2014. The update included preliminary results from 2013 field work. A SCR and risk assessment is forthcoming.

VRP00605 Former Spicer Property

On October 24, 2014, DEQ reviewed and responded to a response to comments from the consultant. The responses pertained to a review of the initial SCR and risk assessment. Additional comments on the SCR and risk assessment were made on March 3, 2015. Most comments focused on source area confirmation sampling and risk assessment. A revised SCR and risk assessment was submitted on March 3, 2015. Delineation of vertical extent and potential off-site sources were discussed in a phone call on March 19, 2015.

VRP 00606 Carlyle Block 26B

Combined Risk assessment (combined with VRP00270 and VRP00461) was reviewed and accepted. Public Notice has been completed and the draft Certificate is under review.

VRP 00607 Ford Area 3 & 4

No activity this reporting period.

VRP 00608 Long Bridge Park - Aquatics Center

Arlington and DEQ staff conducted several conference calls to discuss this portion of the site and the next three phases of work to be completed. At this point the phases and the work to be completed during each portion are under revision due to project costs.

VRP 00610 Fairfax Centre I Shopping Center

No activity reported during this period.

VRP 00611 Former Stillwater Textile Plant

The Public Notice and 30 day comment period was completed in January 2015. The next step is to submit the Demonstration of Completion report once the approved remedial actions have been performed.

VRP 00612 Former Burlington Hurt

No activity reported during this period.

VRP00613 Former Block Parcel – Hess Corp

No activity reported during the current period.

VRP00614 Parcel B1 – Hess Corp

No activity reported during the current period.

VRP00615 Heritage Village

Fourth Quarter 2013 and First Quarter 2014 Quarterly Status Reports submitted to DEQ.

VRP 00616 Clover Tysons

DEQ concurred with the SCR and risk assessment for the site in a letter dated October 27, 2014. The consultant provided a letter interpreting local groundwater use ordinance on March 30, 2015.

VRP00617 Parcel H, Landbay G

The Demonstration of Completion report was submitted and reviewed by DEQ. There are a few minor follow-up items to complete. The comment period for the Public Notice ends in April 2015.

VRP00618 Safeway Store #3250

Summary Report of Monitoring and Soil Remediation report submitted to DEQ in July 2014

VRP 00619 Annandale Shopping Center

No activity during the reporting period.

VRP00620 American Safety Razor Site

Onsite meeting and site tour was held on 2/4/2015 to discuss progress on site characterization field work and vapor intrusion risk assessment. DEQ regional office staff and VRP staff attended.

VRP00621 Atlantic Creosote

The Site Characterization Work Plan – Offshore Area was received by DEQ in September 2014 and has been reviewed. Remedial investigation is ongoing.

VRP00623 Dabney Run

The VDEQ Risk Assessor and RPM conducted a site visit in October 2014 with the consultant. Discussions occurred in November and December 2014 to determine details of additional sampling associated with the SCR. Results were received and reviewed in January and February 2015 and a response was submitted by VDEQ on February 11, 2015. Additional monitoring was

conducted in March 2015 and results received in April 2015. A conference call was held on April 17, 2015 to discuss finalization of the SCR.

VRP00624 Kempsville Crossing

No activity reported during this period

VRP00626 Accotink Village

After reviewing the Risk Assessment DEQ had no comments and an email was sent encouraging submittal of the Demonstration of Completion.

VRP00628 Norfolk Welding

SCR Addendum received 5/9/2015.

VRP00629 Potomac Yard Landbay H&I

An updated report on additional groundwater samples for site characterization and risk analysis was submitted to DEQ in May 2014. Additionally, a Demonstration of Completion, O&M Plan, and Certificate were received by DEQ on September 19, 2014.

VRP00630 Penn Daw Plaza

Work plan for a soil removal action and sampling is being prepared.

VRP00631 Statesman Park Landfill

Response to SCR comments was received on May 28, 2014.

VRP00632 Crop Production Services

Onsite Kickoff Meeting occurred in Mar 2015. Requested another round of sampling that is scheduled for Jul 2015.

VRP00633 Former Reynolds South Plant

Site characterization field work continues at the site, as reported during a phone conversation in February 2015 with the environmental consultant..

VRP00634 Hampton Inn & Suites

During the Spring 2015 SCR review, DEQ requested a 2nd round of GW and Subslab sampling. DEQ conducted a March 2015 site visit to observe the site.

VRP00635 Hilltop Center

No activity reported during this period.

VRP00640 Robert's Carpet and Oriental Rug

A work plan for conducting additional field work to develop the site characterization report was provided on February 5, 2015. A cursory review was completed and a phone call took place on February 12, 2015 to discuss the plan.

VRP00641 7312 Richmond Hwy – CVS 2004

VRP application was received in April 2014 followed by a determination of eligibility in August 2014.

VRP00642 Jackson Crossing

The Site Characterization Report was submitted in March 2015 and will be evaluated by DEQ.

VRP00643 Former Borrow Pit

VRP fee was received and the enrollment letter was sent on January 27, 2015.

VRP00644 Dredge Spoils Area

VRP fee was received and the enrollment letter was sent on January 27, 2015.

VRP00645 Eskridge Road

VRP application received in July 2014 followed by determinations of eligibility submitted to Eskridge Realty in July 2014 then to Mosaic Homes, the subsequent purchaser, in September 2014.

VRP00647 Cintas Culpeper

The application and relevant records are currently being reviewed for eligibility.

VRP00648 Hercules-Covington

The site is fully enrolled in the VRP and several conference calls were conducted and a meeting with the risk assessor.

VRP00649 – Parkside Plaza Shopping Center, Former Perma Clean

The VRP application for this site was received in December 2014. DEQ deemed the site eligible to participate in the VRP in January 2015. The site will be enrolled upon receipt of the Phase 2 VRP Registration Fee.

VRP00650 – Vantage at Merrifield

The VRP application for this site was received in January 2015. DEQ deemed the site eligible to participate in the VRP in March 2015. The site will be enrolled upon receipt of the Phase 2 VRP Registration Fee.